

Bulletin

No. 13 35th year

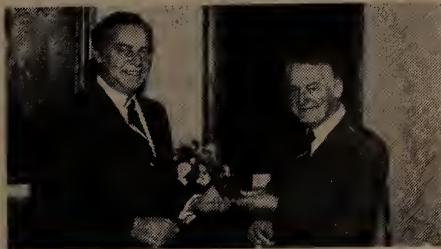
University of Toronto

Monday, February 8, 1982

A glaring anomaly: U of T lacks exhibition and storage space for its many valuable paintings 3

Enrolment has increased but both capital and operating grants to universities and community colleges have decreased, says OCUA 3

The million dollar questions: New admission tests for arts and science to be related to Ontario curriculum 3



Hodgetts receives Vanier Medal: first academic to receive medal is "father of Canadian public administration" ... 5



You are what you eat: a discussion of food additives. See Events 9

Forum

Part-time studies should not be left out of definition of "core" courses because of budget cuts. 10



Universities condemn manpower report on grads

A report by the Ministry of Labour's Manpower Commission suggesting Ontario's universities are training more students than the economy needs has been roundly condemned by universities as narrow, short-sighted and methodologically poor.

The projection of an imbalance in the supply of university graduates and the demand for their services in the next five years is based on invalid assumptions, says William Sayers, director of communications for the Council of Ontario Universities (COU). "Manpower plan-

ning has a relatively poor track record to date and this report will not improve it," says a letter circulated by COU to the press and university community. "The Ontario Manpower Commission might, in fact, have done better to scratch it." Even if there is high growth in the

economy, says the report, *Labour Market Outlook for Ontario 1981-86*, there will be only about 45,000 jobs for university graduates in that period, but 133,500 graduates entering the job market. Those who are educated beyond the market's demands will be competing for 224,000 lesser white-collar jobs that could satisfactorily be filled by community college graduates or certified professionals. "The overall supply of university graduates would far exceed the projected requirements," says the report. "However, this does not necessarily mean that unemployment among university graduates will increase. It is more likely that they will take jobs not requiring a university degree."

President James Ham, in a statement responding to the report, says universities educate for long-term career growth, not merely the first job of a lifetime. Besides, he says, the times demand adaptive as well as technical skills. "Ontario and Canada are moving into uncertain and complex times in which expanding the base of knowledge in order to live by our wits as well as our resources will be crucial. No nation that educates fewer than 10 percent of its people in universities will long compete."

In the next five years, says the report, 13.3 percent of new entrants to the labour force in Ontario will be university graduates, but only 4.3 percent of the jobs that become available will require university degrees. "They've chosen not to consider the whole intellectual dimension," says Sayers. Ontario has one of the highest participation rates in university education in the world, he says, but he'd like to see it even higher. "An educated citizen has a better chance of handling the type of problems we're now facing. A university graduate has developed the ability to adapt, analyze, communicate and create."

COU analysts point out that the report assumes erroneously that most people who enter a field of employment stay in it. In fact, says COU, there is a flexibility among university graduates and a willingness on the part of employers to substitute requirements that is not taken into account in the report's tabulations of the connections between level of education and type of education. Furthermore, they say, the method for determining the level of education required for jobs in the next few years is not clear.

Warren Gerrard, communications adviser to Bette Stephenson, says the report, released in January by the Ministry of Labour as universities awaited the government's funding announcement, was a complete surprise to the Ministry of Colleges & Universities.

Arts and science moves to cut more admission credits

A retrograde step, says OSSTF president

Grade 13 credits in accounting, family studies, law, physical education, ballet and theatre (other arts studies) and multi-disciplinary studies should not be accepted by the Faculty of Arts & Science after 1984, the general committee has recommended.

Last year the University disallowed data processing, marketing and merchandising, other business studies, secretarial practice and technological studies as acceptable grade 13 credits, beginning in the admission cycle of 1982, but allowed one credit from a group of other subjects it considered of questionable value to an arts and science applicant. Of this group, only dramatic arts, screen education and visual arts have been retained.

The others, examined by subcommittees of faculty members who met with Ministry of Education and high school representatives and examined guidelines, courses and examinations in their areas, were found to be unacceptable because they did not fit the categories of English, foreign languages, mathematics, sciences and other humanities and social sciences.

Professor Mary Laurence, a psychologist, looked into family studies offerings across the province and found a wide variety of approaches, she told last week's meeting of the general committee. There were essay assignments on incest, abortion, mercy killing, drug abuse and parent kidnapping, films on child abuse, wife-battering, suicide, rape, and common-law and open marriage, parlor games on murder cases, and critical examinations of TV situation comedies. A small proportion of the courses she examined was of university-entrance quality, she said, but she recommended that the subject be dropped as a credit towards admission.

"Students can take these courses from grades nine through 12," said Dean

Arthur Kruger at a press conference called to explain the faculty's recommendations. "We're not saying that it isn't legitimate for them to do these things, just that we don't want them to do them in grade 13."

He said the examination of course offerings has just begun. "It may well be that when we've looked at history, for example, we will find the same phenomena. But you have to start somewhere."

U of T professors will be meeting with groups of schoolteachers in their disciplines to discuss the "interface" between high school and university, said Kruger. "English professors will meet English teachers and talk about whether grade 13 courses are adequate and, as well, whether first-year courses are adequate."

Kruger said grade 13 credit requirements would simply be applied to grade 12 subjects if grade 13 were to be eliminated.

The recommendation now goes to the Subcommittee on Admissions & Awards.

David Hughes, president of the Ontario Secondary School Teachers' Federation, says restricting the subjects acceptable for admission to U of T is a retrograde step that is at odds with the expectations of society that high school students be given some understanding of their everyday world. Forcing students in their last year of high school into a purely academic program limits the teachers' effectiveness, he says. "One of the functions of the school is to give students a broader view of humanity."

The U of T move will make the job of the high schools even more confusing, says Hughes. "The expectations of the different faculties vary enormously. Our concern is with all the universities in the province of Ontario."

'Vicious circle' broken at UTLAS

Reports of satisfied customers follow installation of Sigma 9

by Pamela Cornell

A newly-installed Sigma 9 computer is turning the tide at the University's beleaguered Library Automation Systems (UTLAS).

"We'd got into a vicious circle," says Harriet Velazquez, North American director of marketing. "Our users were demanding more and more services. We had no money for additional equipment so the equipment we had was always overloaded. That meant poor response time, less service, and less revenue."

"Then the University intervened and got us out of that circle. Now our preliminary measures show we're getting about 30 percent more activity through in a typical hour. Our customers are pleased and it's really boosted staff morale."

Following an operational review of UTLAS last fall by management consultants Woods, Gordon and Company, Governing Council voted to increase the University's existing loan to UTLAS from \$6.4 million to \$8.9 million to finance additional space and equipment

Continued on Page 2

U of T asks Axworthy for guidelines on short-notice appointments

President James Ham has told Minister of Employment & Immigration Lloyd Axworthy that U of T has reservations about his revised guidelines for advertising faculty positions. However, he says the University will direct advertisements to Canadian citizens and permanent residents as long as journals accept the wording and human rights organizations do not raise objections.

To avoid a repetition of the difficulty in getting a work permit for Andrew Rogerson, the Scottish biology professor hired in August to fill in at Erindale after

a late resignation, the President has asked that the ministry provide simple guidelines for last-minute short-term appointments.

President Ham has also informed Axworthy that out of 139 persons appointed to academic positions in the year ending Oct. 1, 1981 at U of T, only 13 were not Canadians or permanent residents, and of these only three were professorial tenure-stream positions.

Presidential advisory committee on wardenship of Hart House

The term of the present warden of Hart House ends on June 30, 1982. The President has established an advisory committee to consider and make recommendations on the wardenship of the House. The membership of the committee is W.E. Alexander, vice-president (personnel and student affairs) (*chairman*); E. Kendall Cork, vice-chairman, Governing Council; Susan Corrigan, secretary, Art Committee; Steve Coughlan, secretary, Debates Committee; Professor Ian M. Drummond, chairman, Recreational Athletics; C. Rankin Henderson, secretary, Graduate Committee; Professor M.J.S.

Leitch, member, Board of Stewards; Professor George Leonidas, chairman, Finance Committee; Brian Pronger, secretary, Music Committee; Professor G.P. Richardson, principal, University College; Tracy D. Stock, secretary, House Committee; Elizabeth Wilson, member, Woodsworth College; and Michael Dafoe, assistant to the vice-president (personnel and student affairs) (*secretary*).

The committee will shortly begin its work and invites comments through its secretary, room 112, Simcoe Hall, or any of its members.

UTLAS

Continued from Page 1

needed to fulfil its commitments to its customers. Four days after the loan had been approved, UTLAS's chief executive officer Everet Minett retired and Woods, Gordon consultant Wayne Peters took over on an interim basis. A recommendation for a more permanent appointment will be considered Wednesday by the Business Affairs Committee.

The University began its pioneering work in applying computers to library operations in 1963. In 1967, a separate Systems Department was established within the library.

The Systems Department was re-organized as a separate administrative unit in 1971, taking its present name. Since 1973, it has been supplying computer-based systems, services, and products in both English and French to Canadian libraries and has recently entered the international market, with clients in the US and Japan. More than 600 individual libraries receive products and services from the system.

In 1978-79, its revenue totalled \$4.3 million, a 72 percent increase over the previous year. In 1979-80, total revenue went up 27 percent to \$5.6 million and last year, it increased by another 25 percent to \$7.1 million. Nevertheless, though UTLAS had budgeted for a \$0.5 million profit in 1980-81, it ended up with a deficit of \$415,000.

A major problem was that, in addition to covering operating expenses, UTLAS revenue was being poured into two substantial research and development commitments.

One was the Library Collection Management Systems (LCMS), designed for circulation control and on-line (user terminals connected to a central computer by phone line) cataloguing. After two installations — in the Sigmund Samuel and the Metropolitan Toronto libraries — the system was withdrawn from the market in December.

"While there is no doubt that UTLAS must offer a mini-computer based library automation system, the current version is not viable," said Wayne Peters, in a U of T library staff newsletter. He added that LCMS had been conceived in the mid-seventies when much of the current mini-computer technology was unavailable.

"Not only are parts of the system technically obsolete, incomplete, and unreliable," he said, "but the system does not integrate adequately with the redesigned Catalogue Support System (CATSS) and cannot be made to do so at any reasonable cost."

Peters estimates it will be 18 months before UTLAS will be ready to market a new version of LCMS.

The other major drain on UTLAS's resources has been the development of a major on-line system integrating the Xerox Sigma equipment with the large Honeywell 66 acquired in June, 1980.

"For some reason, the labour cost of the conversion wasn't budgeted in with the capital expenditure," says Natsuko Furuya, director of corporate services.

A second Honeywell 66, acquired last June, is in storage and there are no immediate plans to use it, she says.

"The decision to purchase the two Honeywells (made in 1978 by the University administration and UTLAS management) was based on the collective wisdom of the time. Whether that decision was right or wrong is not for me to say."

Financial difficulties were just a symptom of the major problem, says Furuya.

"Before the Woods, Gordon study, UTLAS was split down the middle on what its primary goal should be. Some said it should be a break-even operation aimed at furthering scholarship by providing vital services to libraries. Others said it should be a business enterprise aimed at making a profit.

"Since the review, the direction has been clearly defined. UTLAS is aiming to be a profitable business. Now our efforts

can be consolidated. That wasn't possible when we were working in an undefined environment."

The new Catalogue Support System, known as Dual CATSS, went into operation Jan. 25, eliciting enthusiastic comments from users.

Memorial University Library in St. John's was the first to use one half of the new system: "Delighted with first day of Dual CATSS. Keep up the good work. We were number one on System A today and right now you're number one with us."

"C'est beau... c'est impressionnant," said Laval University; and from the Nova Scotia provincial library came the message: "Response time is fantastic. No more knitting on the job. Pass on the congrats."

To ensure that Dual CATSS would be on-line on schedule, UTLAS staff worked evenings, early mornings, weekends, and throughout the Christmas holidays, says Alex Pathy, vice-president (business affairs).

"Our credibility was at stake," explains Lynda Duguay, assistant to the chief executive officer. "All the negative press we'd been getting was pretty demoralizing. We were suffering tremendously from inferiority complexes."

"But then the University showed it had faith in us by providing all that money. Now we're proud to be able to prove that that faith was justified."

Harriet Velazquez says the staff is particularly gratified to be giving its customers good service.

"Our users were unhappy when the service wasn't up to their expectations but they were loyal and patient. They were really very anxious for us to succeed. There's a lot of good spirit out there."

The new system resulted in 22 new jobs, which had to be filled within three weeks, says Furuya.

"We asked for, and got, extraordinary cooperation from people in personnel, labour relations, and accounting."

A major recommendation in the Woods, Gordon report was that UTLAS be consolidated under one roof. At present, the operation is still scattered over four locations — 80 Bloor St. W., 180 Bloor W., and the sixth and eighth floors of the Robarts library — but 40 of the 230 staff members have completed the move to 80 Bloor and more will be moving in mid-March, with the remainder following by Labour Day.

Meanwhile, a third Sigma 9 has been acquired and is now in its test phase; new customers are being sought in the US (subject to careful analysis of potential load factors to ensure acceptable performance levels); and 1981-82 revenues are expected to total \$10.5 million, an increase of 48 percent over last year.

"We've proven we can work as a team towards a common goal and we've gained a lot of confidence in the process," says Furuya.

Need large amounts of computer number-crunching? Read on

Physics professor George Luste would like to hear from U of T researchers who would be interested in "free" computing. Luste is in the process of trying to arrange limited access to large AMDAHL, IBM or CDC mainframe computers in the Toronto area. His idea is to ask major businesses and institutions to donate their excess computing capacity (at night and during weekends and holidays) to researchers at U of T. This arrangement would be suitable for large, CPU bound, production computing, with needs in excess of 100 CPU hours over the year on a large mainframe computer.

If you feel your research could benefit from such an arrangement contact Professor Luste at 978-2735.

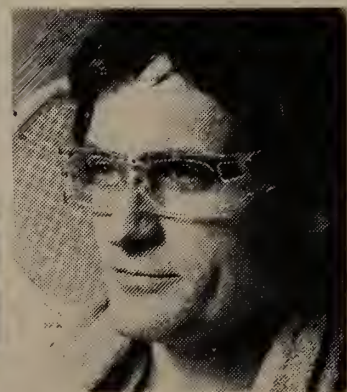
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Hiring of art curator recommended

to preserve, protect and exhibit U of T's \$10 million worth of art

by Judith Knelman

A recommendation by the U of T Art Committee that a curator be hired to make sure the University's fine art holdings — estimated to be worth \$10 million — are protected and at the same time accessible to the community has been approved in principle by the Committee on Campus & Community Affairs.

William E. Alexander, vice-president (personnel and student affairs), recommended to the campus and community affairs committee that the University find funds for a curator's post outside the operating budget. Money from a private donor or foundation may be sought to pay the salary of about \$24,000 a year.

The art committee, established in 1980 after an inventory of the University's art holdings was completed, presented a report containing recommendations on acquisition, preservation and protection of works of art and beautification of the University environment. Alexander has asked for detailed statements from the art committee on ways of implementing the policies they suggest, which include a systematic approach to seeking donations of art objects and supervision of indoor

and outdoor decoration on the campuses. The committee recommended "active consideration" of a proper exhibition area that could become the foundation of a University of Toronto art gallery.

"We have a double problem," says Michael Dafoe, administrative assistant to the vice-president (personnel and student affairs) and secretary of the art committee. "The paintings at the University are either out in public view where they're in danger or buried in offices where nobody can see them."

The art committee report says many of U of T's paintings are deteriorating from exposure to excessive light, heat, smoke, dryness or moisture, and stored for safety's sake in conditions that are actually endangering them.

Because the University lacks suitably secure and environmentally controlled exhibition space its paintings are seldom seen grouped for shows. Erindale and Scarborough colleges have galleries, but space on the St. George campus is lacking. The University of Toronto is a "glaring anomaly" among North American institutions in its lack of adequate storage and exhibition space, says the report.

A curator, says the committee, would be able to keep inventories up to date and make sure insurance coverage is adequate, establish priorities and mechanisms for conservation and arrange exhibitions for the University community and general public.

Some of the larger collections are being systematically inventoried and protected, says the report, but there is no uniform policy across the University for listing and evaluating new holdings and preserving or restoring older ones. The committee recommends coverage from a central insurance budget for works of art that are not insured at their true value.

There are about 3,000 pieces in the University's fine art holdings including about 200 of museum quality. Hart House alone has a collection of Canadian art worth at least \$2 million and is building an enlarged gallery to house it. Elsewhere in the University there are many fine examples of Group of Seven work and the work of contemporary Canadian painters like William Kurelek, J.P. Riopelle and Harold Town. There are also valuable tapestries, original prints by such artists as Manet, Kathe Kollwitz and Whistler and classic English portraits including one by Lely of the future King James II of England.

Norma Grindal, who inventoried much of the University's art from 1976 to 1978, says she found a nude by the mid-nineteenth century French painter Fantin-Latour abandoned in the basement of the Galbraith Building. It had been damaged by water from the Sandford

Fleming fire, she says, but was well worth fixing, since it was valued at between \$30,000 and \$40,000. It was rescued, repaired and then relegated to a vault for safekeeping.

Another painting, discovered by Grindal on a high shelf of an office in the Mechanical Engineering Building, turned out to be a 1947 commemoration by Lismer of Canada's first cracking plant. Most people who knew it was there thought it was a cheap print. That was what the person who put it there wanted them to think: it was safer that way.

From the basement of the Faculty of Dentistry Grindal extracted a historic Canadian painting done around the turn of the century by Owen Staples. "Nobody knew why it had been taken down and put there, or why there was a tear in the corner." They were so happy at St. Michael's College when Grindal unearthed an even older painting by pioneer Canadian artist Georges Berthon that they placed it in a room of its own and then named the room for the artist.

Much of the art she inventoried wasn't being properly looked after because people don't realize how paintings should be cared for, she says. She found one valuable painting on a dining room wall above a toaster which was slowly destroying it with a combination of heat and smoke.

Gov't giving universities short end of the stick, says OCUA

Protests by university officials that universities in Ontario have had to absorb more than their fair share of cuts in government spending in recent years have been substantiated in the annual report of the Ontario Council on University Affairs (OCUA).

The report, released in January, produces figures to show that the universities have received a declining share of expenditures by the Ontario government. Furthermore, says OCUA, the funding constraints forced on Ontario universities have been more severe than those in most other Canadian provinces. Faculty salaries have lagged behind those of the western provinces and Quebec, and non-academic salaries have been at the low end of the public and private sectors.

Every year OCUA submits an advisory memorandum to the Minister of Colleges & Universities on the level of funding universities should receive and every year since 1978 the advice has been declined. For 1981-82 OCUA recommended an increase of 12.4 percent, but the actual increase was 10.1 percent.

Over the period in which its funding advice has not been accepted, says OCUA, the universities received increases consistently below that of overall government budgetary expenditures. Their analysis shows that over the last four years annual university operating grant increases averaged 2.6 percent below the annual increases in government budgetary expenditures. When deflated by the Consumer Price Index the grants show a decline of 12 to 13 percent in real terms in comparison with a decline of four to five percent for government budgetary expenditures.

As a result of the underfunding, equipment and furniture expenditures by

Ontario universities declined (in constant dollars) from \$22,041,000 in 1977-78 to \$17,936,000 in 1980-81, and library expenditures from \$9,702,000 to \$8,242,000. Enrolment, however, increased in the same period from 161,826 to 166,821.

Cutbacks on capital funding have been even more severe than those on operating support, says the report. Total government capital grants fell (in constant dollars) from \$18,189,000 in 1977-78 to \$13,500,000 in 1981-82.

Though figures were not exactly comparable, community colleges fared about as poorly as universities in Ontario, the report says. However, elementary and secondary school support has increased substantially. Revenue per pupil rose 37.3 percent between 1970-71 and 1980-81 while university revenue per student declined 18.2 percent.

Administrative staff can meet Governing Council candidates

The U of T Staff Association is sponsoring two "lunchbag" meetings at which administrative staff members can meet their candidates for Governing Council, Nanci Wintrob and Randy Russell. The candidates will make brief position statements, and then opportunity will be given for questions from the floor.

The meetings will be held on Feb. 17, in room 4279 of the Medical Sciences Building, from noon to 1 p.m. and from 1 to 2 p.m.



Engineers have to make do with calendar art while this nude, too high-priced to hang in the halls of the Galbraith Building, blushes unseen in a locked vault. She was rescued, slightly bedraggled after a soaking in the Galbraith basement, and valued at approximately \$40,000.

Arts and science wants Canadian entrance exams by 1990

Other universities to follow suit?

The American College Board entrance examinations which the General Committee of the Faculty of Arts & Science has approved for use beginning with 1984-85 first-year students should be replaced as quickly as possible with tests developed especially for Ontario high school graduates, the committee has decided.

A motion by Professor Robin Armstrong, who takes over as dean in July, that the dean be responsible for the development of a series of entrance tests for use no later than 1990, was approved at last week's meeting.

In an interview, Dean Arthur Kruger said he personally has no objection to the use of American tests but many members of the faculty feel strongly that the

entrance tests should be based on the high school curriculum for Ontario.

Kruger said it would probably cost about \$1 million to develop the battery of tests the faculty requires. He expects the faculty will seek funding from the province and from private foundations.

There may, as well, be help from other Ontario universities. In the past there has been little interest in cooperating in entrance testing, said Kruger, but now some universities have suggested they might like to participate. The issue of province-wide entrance examinations will be discussed at a meeting of the Council of Deans of Arts & Science this spring, he said.

Research News

Ontario Ministry of the Environment Pesticides Advisory Committee

Funds are available to sponsor research aimed at:

- (1) Determining potential environmental hazards associated with pesticides currently in use;
- (2) Developing alternative pesticides for those deemed environmentally hazardous and thus restricted in use;
- (3) Developing alternative approaches to pest control in order to reduce total pesticide input into the environment.

Preference will be given to proposals yielding results in a relatively short time with funds being committed on a yearly basis. Deadline for submission of applications to the agency is *February 26*.

For further information call ORA at 978-2163. *Please note* that this program appears to fall under contract terms.

Canadian Electrical Association Lighting Research Fellowship

The lighting fellowship program represents a small but important step for development of Canadian expertise in the lighting research field. The objective of the program is to contribute a Canadian content to present Canadian lighting standards and develop more Canadian lighting research capability.

Candidates should be recent graduates in engineering science, physics, electrical engineering or a related discipline. Experience in lighting research is desirable but not essential. The period of the fellowship will be three years. The salary range is to a maximum of \$36,000 per annum depending upon qualifications, plus comprehensive benefits. The fellow will conduct lighting research in conjunction with, and guided by, the Energy Services Section of the Division of Building Services, National Research Council.

For further information, call ORA at 978-2163.

National Research Council Associate Committee on Scientific Criteria for Environmental Quality: Research Contracts

The committee invites the Canadian academic community to submit pro-

posals for contract research in support of its program concerning the effects of contaminants on receptors. In considering funding, the committee looks particularly for proposals with a strong potential to yield quantitative cause/effect (dose/response) data. While there is no deadline date for submissions, preliminary proposals and consultation are encouraged.

For further information on areas of interest and application format, call ORA at 978-2163.

International Atomic Energy Research Contract Program

The agency is authorized to encourage and assist research on, and the development and practical application of, atomic energy for peaceful uses throughout the world. Program objectives relate to the areas of food and agriculture, life sciences, physical sciences, nuclear power, the nuclear fuel cycle, and nuclear safety. Due to limited resources, the amounts awarded are rarely large — the present average being approximately \$4,000-5,000 (US) per annum per contract. In a few instances, however, amounts substantially larger may be awarded. The deadline for receipt of proposals at the agency is *March 31*.

For further information, call ORA at 978-2163.

U of T Health Sciences Committee

Three programs of support will be offered during the 1982-83 fiscal year:

- (1) Summer undergraduate student program, deadline date *February 26*;
- (2) Summer graduate student program, deadline date *February 26*;
- (3) Completion of graduate degree (normally at the PhD level) support is available under specific circumstances.

Detailed information and application materials have been mailed to chairmen of medical departments and health related departments. For further information call ORA at 978-2163.

Upcoming Deadline Dates

Ontario Heart Foundation summer studentships for medical school students: *March 15*.

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

Friday, February 12

Alexander T. Polgar, Faculty of Social Work, "A Structural-Development Analysis of Levels of Social Reasoning in Correctional Volunteers." Prof. W.A. Bourke. Room 111, 63 St. George St., 10 a.m.

Malgorzata M. Kopaniak, Department of Pathology, "The Acute Inflammatory Reaction to E. Coli in the Rabbit: Quantitation and Kinetics." Prof. H.Z. Movat. Room 309, 63 St. George St., 2 p.m.

Friday, February 19

Eldon James Gardner, Faculty of Management Studies, "Trust and Loan Company Operations and the Valuation of Their Shares." Prof. J.V. Poapst. Room 111, 63 St. George St., 2 p.m.

Tuesday, February 23

Hoc Nghia Tran, Department of Chemical Engineering & Applied Chemistry, "A Study of Superheater Fireside Deposits in Kraft Recovery Boilers." Prof. D. Barham. Room 309, 63 St. George St., 9.30 a.m.

Sylvia Euphrosyne Santin, Department of Education, "The Language of Teachers to Young Mentally Retarded Children in the Classroom." Prof. C. Reich. Room 111, 63 St. George St., 10 a.m.

Habibullah Jamal, Department of Electrical Engineering, "The Design of Switched Capacitor Networks without Operational Amplifiers." Prof. F.E. Holmes. Room 309, 63 St. George St., 2 p.m.

Bulletin

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The father of Canadian public administration awarded Vanier medal

'I used your books when I taught' said the Governor-General

by Judith Knelman

Professor J.E. (Ted) Hodgetts of the Department of Political Economy has been awarded the Vanier medal, the highest tribute by the Institute of Public Administration of Canada (IPAC), for a lasting and significant contribution to Canadian public administration.

This marks the first time that the gold medal has gone to an academic. Previous recipients, always public servants, include A.W. Johnson, president of the CBC, and Harvey Bryce, former deputy minister of finance.

The award was presented by Governor-General Ed Schreyer in a special ceremony at Rideau Hall that Prof. Hodgetts found "even more overwhelming than I had expected". In his presentation speech the Governor-General remarked that he had used some of Hodgetts' books when he was teaching the subject. IPAC president Kell Anfort called him "the ultimate arbitrator of academic excellence in public administration in Canada".

Except for a stint as a "part-time bureaucrat" in the summer of 1949, Hodgetts, an expert on public administration, has devoted his 38-year career to university teaching. "I was torn very early on," he says, "but I decided to stay in teaching because one can have much more freedom to examine the public service as an outsider than as an insider. When I wanted

to do research I always had my spies at court to report events."

Hodgetts has been called the father of Canadian public administration because he has trained hundreds of career civil servants, many of them in senior positions throughout the country. The extent of his network was brought home to him when as a member of the Royal Commission on Financial Management and Accountability (the Lambert Commission) from 1976 to 1979 he frequently found sitting across from him high-level administrators whom he had known as students, among them the deputy minister of justice and a future minister of finance.

Did he, then, indirectly influence public policy? A modest man, he turns aside that question. He does volunteer that former students consistently report a gratifying resemblance between the theoretical models of their lectures and the real world in which they subsequently found themselves employed.

Trained in the study of public administration at the University of Chicago, he returned to Canada in 1943 as a lecturer at the University of Toronto, then went to Queen's, where he developed the field of Canadian government and public administration. In 1965 he returned to the University of Toronto, and two years later he became principal of Victoria College, then president of Victoria University.

Hodgetts also served as editorial director to the Royal Commission on Government Organization (the Glassco Commission), chairman of the Queen's Department of Political Studies, chairman of the academic advisory panel of the Canada Council, president of the Canadian Political Science Association, chairman of the committee on aid to publications of the Social Science Research Council and Canadian representative to the executive of the International Political Science Association.

Besides practising and teaching administration he has produced a quantity of books, articles and reports and has served as editor of the Queen's *Quarterly*. He is general editor of the IPAC series on Canadian public administration and is beginning a history of the Ontario public service for the Ontario Historical Society series.

Hodgetts retires this year from U of T. In the fall he goes to Dalhousie University as a visiting professor after which he will return home to a 12-acre farm north of Port Hope where he likes to relax by carving wood, sailing, fishing and tending his raspberry patch.

Slemon, Heinke in Saudi Arabia to sign exchange agreement

Engineering dean Gordon Slemon and Professor G.W.R. Heinke, chairman of the Department of Civil Engineering, left last week for Saudi Arabia, where they will sign a cooperative agreement between their faculty and the faculty of engineering at King Saudi University, formerly the University of Riyadh.

Negotiations have been progressing for nearly a year, Slemon said before his departure. Arrangements call for faculty members to exchange visits and for graduate students to come to U of T.

A long-term benefit is expected to be cooperation in research projects. U of T is particularly interested in water desalination.

Ten Cate warmly welcomed in China

When Dean A.R. Ten Cate of the Faculty of Dentistry visited Sichuan in November, about 200 dentistry professors from all over China were flown in to hear him lecture.

There's a pressing need for teachers of the English language at the Sichuan Medical College, Ten Cate says. Doctors and dentists are starved for scientific and technical information reported over the last 20 years when China's Cultural Revolution limited their contact with the western world.

The college last year signed an agreement with the Faculty of Medicine;

Ten Cate's six-day visit extended the program to dentistry. He expects one or two dentistry professors a year to come from China to U of T to learn the latest theories and techniques and then go back and teach them to others.

The college was originally called the West China Union University. Many of the faculty there were trained at the University of Toronto, Ten Cate says, and the school was largely supported by the United Church of Canada.

Funds from the Canadian International Development Agency (CIDA) are being sought by U of T to finance the scheme.

Committee Highlights

The Business Affairs Committee — Jan 13, 1982

Items for Governing Council Approval

- Policy for the Administrative Authority to Change Budgets — this policy replaces the Policy for the Scope and Level of Administrative Authority for Changes in Budget Appropriations. The new policy preserves the administrative authority to change budgets. It now requires that all transactions, not just those over \$100,000, be reported to the Business Affairs Committee as they occur.

- Mining Building Fire Safety Project — At its last meeting the committee deferred making a decision on the Mining Building Fire Safety Project and asked for more information. The committee is now satisfied with the scope of the project, which provides for the safe egress of the occupants. It would cost \$4 million to bring the building up to code and the building would have to be vacated. There are no alternative accommodations available. The proposal is for a more modest project, costing about \$406,996, which does not reduce the risk of fire, but does provide for swift exit.

Items Approved

- Leases — 203 College St. and 123 Edward St. for three and two years respectively.

A revised space plan for the Sandford Fleming Building will be reviewed at the next meeting of Planning & Resources. If approved, the space that the Faculty of Forestry was to receive will be occupied by other departments. The Faculty will remain where it is until the southwest campus is redeveloped.

The Faculty of Dentistry requires the space at 123 Edward St. until a planned addition to the Dentistry Building is built.

Capital Projects

The committee approved the following motion:

That the vice-president — business affairs be authorized to call tenders, award contracts and establish appropriations for the following projects at costs as noted, subject to the receipt of provincial funding for projects 1, 2, 4 and 5:

	Estimate Cost \$(000)
1. Radioactive Waste Holding Facility	\$171.8
2. Chemical Waste Holding Facility	204.2
3. Falconer Hall Fire Safety	165.9
4. Scarborough High Voltage Feeder Replacement	187.4
5. Erindale Circuit Breakers	64.7
6. Sidney Smith Lounge Addition	1,156.2

Frontage Licence — College of Physicians & Surgeons

At its last meeting the committee approved the issuance of a frontage licence for the College of Physicians & Surgeons. Since then, new information has come to light, resulting in a change to the recommendation.

Toronto General Hospital sold land to the college. The proceeds will be used to renovate space within the hospital to accommodate researchers who hold appointments in the Faculty of Medicine. If the college is charged a fee, the hospital will have to pay.

The motion approved by the committee authorizes the vice-president — business affairs to levy the fee, thereby preserving the principle of the University's right to do so, and to return an equivalent amount to the hospital as a contribution from the University to the cost of the planned renovation.

Items for Information

- Enrolment in 1981-82
- The University of Toronto Capital

Request to the Ministry of Colleges & Universities for 1982-83

- Individual changes in Budget Appropriations (month of December)

The Planning & Resources Committee — Jan. 18, 1982

Items Recommended to Governing Council

- Revisions to Space Program — Sandford Fleming Building

The committee is recommending revisions to the space program for the Sandford Fleming Building. Under the new plan, additional space will be assigned to the Faculty of Applied Science & Engineering and the Faculty of Arts & Science for the Department of Computer Science. Part of the Faculty of Forestry was to have moved into the Sandford Fleming Building. It will now remain at rented space at 203 College St., which it was going to vacate. The faculty has space in two other locations.

Items Approved

- Faculty of Management Studies Plan — The committee approved the objectives of the Faculty of Management Studies as set out in its Five Year Strategic Plan. The committee also approved the administrative response to the plan.

- Faculty of Management Studies: Disestablishment of the Diploma Program

An outcome of the review of the Faculty of Management Studies' plan is the recommendation to disestablish the diploma program. The committee concurred with the recommendation and referred it to the Academic Affairs Committee which is the reporting committee.

Items for Information

- Faculty of Management Studies: Prior Approval of the Executive MBA
- Centre for Toxicology: Progress Report
- Draft Policy on the Use and Development of Computer Services at the University of Toronto
- Professor Luste's Letter on 1980 Computer Transactions.

Abernethy Prize, lecture series

A new award has been established in Woodsworth College for the student in the diploma program in gerontology who has the highest overall average upon completion of the required courses.

The Senior Alumni Abernethy Prize in Gerontology, named in honour of the late Wilson Abernethy, a founding member of the Senior Alumni, is valued at \$150.

The award was established with interest earned on money the Senior Alumni had been awarded for their achievements by the Council for the Advancement & Support of Education (CASE).

The University has received an annual grant of \$1,000 from Anthes Industries Inc. of Mississauga for funding of a new lecture series in gerontology. The lectures will be called the Anthes Wilson Abernethy Lecture Series in Gerontology. Dates and speakers will be announced in the spring of 1982 by Professor Blossom Wigdor, director of the gerontology program which was established in July 1979 by a grant from Associated Medical Services.

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- Money Orders in both Canadian and U.S. funds are available at minimum cost.

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Free Budget Books

- To get you organized for 1982 we have a limited supply of "You and Your Money", a guide to personal financial planning, and "The Budget Book", an actual workbook to keep track of your month-to-month income and expenses.

(All rates as of Feb. 1, 1982. Subject to change without notice.)



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Events

Lectures

Monday, February 8

Consumer Rights.

Prof. Jacob Ziegel, Faculty of Law; second of three in Current Legal Issues series. Alumni Hall, Victoria College. 7.30 p.m. Registration fee \$10. Information and registration, 978-8990. (Young Alumni Association)

Social Justice and Christian Spirituality.

Rev. Matthew Lamb, Marquette University; third annual Kelly Theological Lecture. Auditorium, Brennan Hall, St. Michael's College. 8 p.m.

Quality of Working Life from a Union Perspective.

Stu Sullivan, Ontario Federation of Labour; political economy lecture series. Council Chamber, South Building, Erindale College. 8 p.m.

Tuesday, February 9

Computers and Work.

Prof. C.C. Gotlieb, Department of Computer Science. South Sitting Room, Hart House. 4 p.m. (U of T Student Pugwash Association)

Why Are Novel Predictions Important?

Prof. Richmond Campbell, Dalhousie University. 152 University College. 4.15 p.m. (Philosophy)

Wednesday, February 10

G.M. Hopkins, S.J., Sinner and Convert.

Prof. Norman White, University College, Dublin. 100 Carr Hall, St. Michael's College. 3.10 p.m. (English and St. Michael's College)

Heidegger on the Essence of Truth.

Prof. Henry Pietersma, Department of Philosophy. 152 University College. 4 p.m.

Alexander the Great as Patron of the Arts.

Prof. Blanche R. Brown, New York University. Lecture room, McLaughlin Planetarium. 4.30 p.m. (Toronto Society, Archaeological Institute of America)

Thursday, February 11

Chinese Snuff Bottles.

Prof. Victor Graham, Department of French. St. Thomas' Church Hall, 383 Huron St. 1 p.m. (University Arts Women's Club)

Ethnic Pluralism in a Rural Setting: Recent Trends in Saskatchewan.

Prof. Alan Anderson, University of Saskatchewan. Upper Library, Massey College. 3.30 p.m. (Ethnic & Immigration Studies)

Early Days of Astronomy in Toronto.

Prof. Em. Helen Sawyer Hogg, Department of Astronomy. 203 McLennan Physical Laboratories. 4 p.m. (Astronomy and IHPST)



Haworth House, home of the Canadian Institute in the 1860s, provided the milieu for the formation of the Toronto Astronomical Society in 1869. The role of the institute in the background of the society will be discussed in a lecture by Professor Helen Hogg Feb. 11.

What Is William of Aquitaine?

Prof. Robert A. Taylor, Department of French; first of four, Victoria College public lecture series. Alumni Hall, Victoria College. 4.30 p.m.

Architecture without Jargon.

Macy Dubois, architect, Toronto. Auditorium, Medical Sciences Building. 8.15 p.m.

(Architecture & Landscape Architecture, Toronto Masonry Promotion Fund and Ontario Association of Architects)

Friday, February 12

The Popular Religious Art of Modern India.

Prof. A.L. Basham, visiting professor, Centre for Religious Studies. 14-353 Robarts Library. 3 p.m. (Centre for Religious Studies and South Asian Studies)

Identity of the Literary Text.

Prof. Jonathan Culler, Cornell University; sixth in series of eight. Lecture theatre, Faculty of Library Science, 140 St. George St. 4.15 p.m. (Comparative Literature)

Sunday, February 14

Photography, An Art Form.

Steven Moore, photographer and partner, A Moment in Time Gallery. Auditorium, Medical Sciences Building. 3.15 p.m. (Royal Canadian Institute)

Monday, February 15

In the Steps of the Egyptians in Western Asia: A Survey of Sites in Egyptian Toponym Lists in Western Asia.

Prof. Donald B. Redford, Department of Near Eastern Studies. Room 3, New Academic Building, Victoria College. 7.30 p.m. (Society for Mediterranean Studies)

Tuesday, February 16

Cerebral Arterial Aneurysms and Fistulae — Some Surgical Thoughts.

Prof. Charles G. Drake, University of Western Ontario; 1982 Wm. S. Keith Visiting Professor of Neurosurgery; Royal College lecture. Osler Hall, Academy of Medicine. 5 p.m.

Wednesday, February 17

A Systems Approach to the Prediction of Violence: Relevance for Criminal Justice System Policy.

Prof. D. Dutton, University of British Columbia; fifth in series of 10, Probability and Prediction: Psychiatry and Public Policy. Auditorium, Clarke Institute of Psychiatry. 5.30 p.m. (Clarke, METFORS and Law Foundation of Ontario)

Thursday, February 18

What Not to Do in Aneurysm Surgery.

Prof. Charles G. Drake, University of Western Ontario; Wm. S. Keith Visiting Professor of Neurosurgery. Auditorium, Toronto Western Hospital. 9 a.m.

Friday, February 19

Giant Intracranial Aneurysms.

Prof. Charles G. Drake, University of Western Ontario; Wm. S. Keith Visiting Professor of Neurosurgery. Auditorium, Toronto Western Hospital. 8 a.m.

Sunday, February 21

Canada's Stake in the Nuclear Arms Race.

Chancellor George Ignatieff. Auditorium, Medical Sciences Building. 3.15 p.m. (Royal Canadian Institute)

Monday, February 22

Tenancy Rights.

Daphne Dukelow, Attorney General's Office; last of three in Current Legal Issues series. Alumni Hall, Victoria College. Registration, see listing Feb. 8. (Young Alumni Association)



A 4,000-year-old outdoor shrine, Maşseboth (standing stones), in Jordan, is one of the sites Professor Donald Redford will discuss in his lecture which follows the steps of the Egyptians in Western Asia.

Governing Council & Committees

Wednesday, February 10

Business Affairs Committee.

Board Room, Simcoe Hall. 4 p.m.

Admissions & Awards Subcommittee.

Please note, meeting cancelled.

Monday, February 15

Planning & Resources Committee.

Council Chamber, Simcoe Hall. 4 p.m.

Tuesday, February 16

Committee on Campus & Community Affairs.

Council Chamber, Simcoe Hall. 4 p.m.

Wednesday, February 17

Curriculum & Standards Subcommittee.

Council Chamber, Simcoe Hall. 4 p.m.

Thursday, February 18

Governing Council.

Council Chamber, Simcoe Hall. 4.30 p.m.

Colloquia


Thursday, February 11

The Adolescent Mother in Toronto.

Profs. C. Lambert, Ben Schlesinger and G. Macdonald, Faculty of Social Work, Dr. D. Sacks, Hospital for Sick Children. Conference room, seventh floor, Faculty of Social Work. 4 p.m.

Can Physics Help Discover Violin Secrets?

Prof. Jack Fry, University of Wisconsin. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics)



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Events

Seminars

Monday, February 8

Keynes' Compulsory Savings Plan in Canadian Budgets, 1942-44: A Good Idea, A Failed Policy.
Enid Barnett, graduate student, Economic History Program and Laurentian University; Economic History Workshop. Presentation followed by discussions based on paper distributed in advance by Department of Political Economy. 3037 Sidney Smith Hall. 8 p.m. Information, 978-3450.

Tuesday, February 9

Five Years On: The 1981 Review of the City's Central Area Plan.
Robert Millward, deputy commissioner of planning, Peter Tomlinson, program manager, and Greg Stewart, transportation planner, City of Toronto Planning & Development Department. Coach House Conference Room, 150 St. George St. 3.30 p.m.
(Urban & Community Studies)

Numerical Description of the Succession within a Community: The Method of Chronological Clustering.

Prof. P. Legendre, Université de Montréal. 432 Ramsay Wright Zoological Laboratories. 4 p.m.

Keep the Home Fires Burning — Safely.

John Kreelman, Avenue Road Woodstove Store, discusses proper installation, use and maintenance of woodstoves, fireplaces and wood furnaces. Ecology House, 12 Madison Ave. 7 p.m.
Admission \$3. Information, 967-0577. (Pollution Probe)

Wednesday, February 10

Evolution of the Cascade Volcanic Range.

Prof. A.R. McBirney, University of Oregon. 202 Mining Building. 1 p.m. (Geology)

Effect of Antioxidants on the Histamine Release and Calcium Uptake in Rat Mast Cells.

Dr. N.S. Ranadive, Department of Pathology; sixth in series of 15, Experimental and Human Pathology. 6205 Medical Sciences Building. 4 p.m.

Recent Studies of the Skaergaard Intrusion.

Prof. A.R. McBirney, University of Oregon. 202 Mining Building. 4 p.m. (Geology)

Environment in the 1980s, Problems and Solutions.

Ralph Nader, Washington. Convocation Hall. 8 p.m.
(IES, Environmental Engineering, SAC, Energy Probe, U of T Anti-Nuclear Group, Canadian Coalition on Acid Rain, Canadian Environmental Law Association, Ontario Public Interest Research Group, Toronto Safe Energy Group and York University)

Thursday, February 11

Biomechanics at the Hospital for Sick Children.

Jan Koreska, Hospital for Sick Children. 412 Rosebrugh Building. 1 p.m. (Biomedical Engineering)

Petty Commodity Production in the Ecuadorian Sierra.

Peter Meier, graduate student, Department of Sociology; lunch-time series. Pendarves Room, International Student Centre. 1 p.m.
(Latin American Studies Committee, CIS)

Study of Inactive Uranium Tailings in the Evaluation of Objectives and Options for Disposal.

Margaret Kalin, Institute for Environmental Studies and Department of Energy, Mines & Resources, and H.C. Rothschild, Department of Energy, Mines & Resources. 211 Haultain Building. 4 p.m.
(IES and Environmental Engineering)

Homeorhetic Control of Nutrient Partitioning during Growth, Pregnancy and Lactation: Possible Role of Growth Hormone.

Prof. Dale E. Bauman, Cornell University. 2173 Medical Sciences Building. 4 p.m. (Nutritional Sciences)

Schleiermacher: Responses to His Critics.

Prof. Iain Nicol, Toronto School of Theology and Knox College; historical/theological seminar. 201 Brennan Hall, St. Michael's College. 4 p.m. (TST)

Biological Availability of Phosphorous in Streams.

G. Marley, Ontario Ministry of the Environment. 2082 South Building, Erindale College. 5.10 p.m. (Biology, Erindale)

Toronto since 1918.

Prof. James Lemon, Department of

Geography; third of four in series, Works in Progress. Debates Room, Hart House. 8 p.m.

Friday, February 12

Botanical Birth Control: Regulation of Sexuality in Maize.

Stewart Rood, graduate student, Faculty of Forestry. Room 7, Botany Building. 3.30 p.m.

Tuesday, February 16

On the Way to Cloning a Cell Cycle Specific Gene.

Dr. W.H. Lewis, Departments of Medical Genetics and Surgery. 4171 Medical Sciences Building. 4 p.m. (Microbiology & Parasitology)

How Tight Is Too Tight? A Discussion of Air Quality in the Home.

Discussion of the rationale for energy-efficient, air-tight houses and of manual and mechanical venting options, including air to air heat exchangers. Ecology House, 12 Madison Ave. 7 p.m. Admission \$3. Information, 967-0577. (Pollution Probe)

Wednesday, February 17

Triglyceride Metabolism in Phenobarbital-Treated Rats.

Dr. M.W. Roomi, Department of Path-

ology; seventh in series of 15, Experimental and Human Pathology. 6205 Medical Sciences Building. 4 p.m.

Thursday, February 18

Biological Effects of Space Flight.

Dr. Ken Money, Defence & Civil Institute of Environmental Medicine. 412 Rosebrugh Building. 1 p.m. (Biomedical Engineering)

Saturday, February 20

Solar Greenhousing — Design and Management.

Examination of entire solar greenhousing process from design and construction to heat and light requirements, soil conditions and other maintenance functions as related to the structure. Ecology House, 12 Madison Ave. 9.30 a.m. to 5 p.m.
Fee \$10. Please register in advance. Information and registration, 967-0577. (Pollution Probe)

Monday, February 22

From Bloomers to Leotards: Experiments in Dance and Gymnastics 1905-1915.

Prof. Selma Odom, York University. 330 Benson Building. 4 to 6 p.m. (P&HE)



This design by third year architecture student Claudia Doret is part of an exhibit of student work on display at the Faculty of Architecture & Landscape Architecture.

Exhibitions

Monday, February 8

Re Joyce.

Celebration of the 100th anniversary of the birth of James Joyce. Thomas Fisher Rare Book Library, to March 13.

Monday, February 15

Student Work.

Department of Architecture. Galleries, Faculty of Architecture & Landscape Architecture, 230 College St., to Feb. 26.

Plays & Readings

Monday, February 8

Irving Layton.

Writer-in-residence will give poetry reading in Council Chamber at 4 p.m. and talk on creative writing in R-3228 at 7 p.m.; part of Winter Literary Festival. Scarborough College.

Thursday, February 11

W.P. Kinsella.

Poetry reading; part of Winter Literary Festival. S-128 Scarborough College. 3 p.m.

Modern Hungarian Poetry.

Reading of contemporary Hungarian poems in English, translated by I.L. Halasz de Beky, Roberts Library; introduction by Prof. George Bisztray, Department of Slavic Languages & Literatures and Hungarian Chair. 205 Faculty of Library Science, 140 St. George St. 7 p.m.

Les Précieuses Ridicules.

By Molière.

Manon Lastcall.

By Jean Barbeau. Two plays produced by French Drama Club; part of Winter Literary Festival.

TV Studio 1, Scarborough College.

Feb. 11 to 13 at 8 p.m.

Information and reservations, 284-3151.

Friday, February 12

Helene Rosenthal.

Poetry reading; part of Winter Literary Festival. S-358 Scarborough College. 11 a.m.

Saturday, February 20

Cinderella.

Pantomime with singers, dancers and actors, directed by Elfrida Wild, Royal Conservatory of Music; student benefit production. Concert Hall, Royal Conservatory of Music. Saturday, Feb. 20 at 7 p.m.; Sunday, Feb. 21 at 3 p.m. Tickets \$4, students and senior citizens \$3. Proceeds go to the Royal Conservatory of Music Alumni Association Scholarship Fund. Information, 978-3771. (RCM Alumni Association)

Monday, February 22

John Bull's Other Island — A Squint at the Irish.

Poetry reading by John Lavery and Hans de Groot; UC poetry readings. Walden Room, University College Union, 79 St. George St. 4.10 p.m.

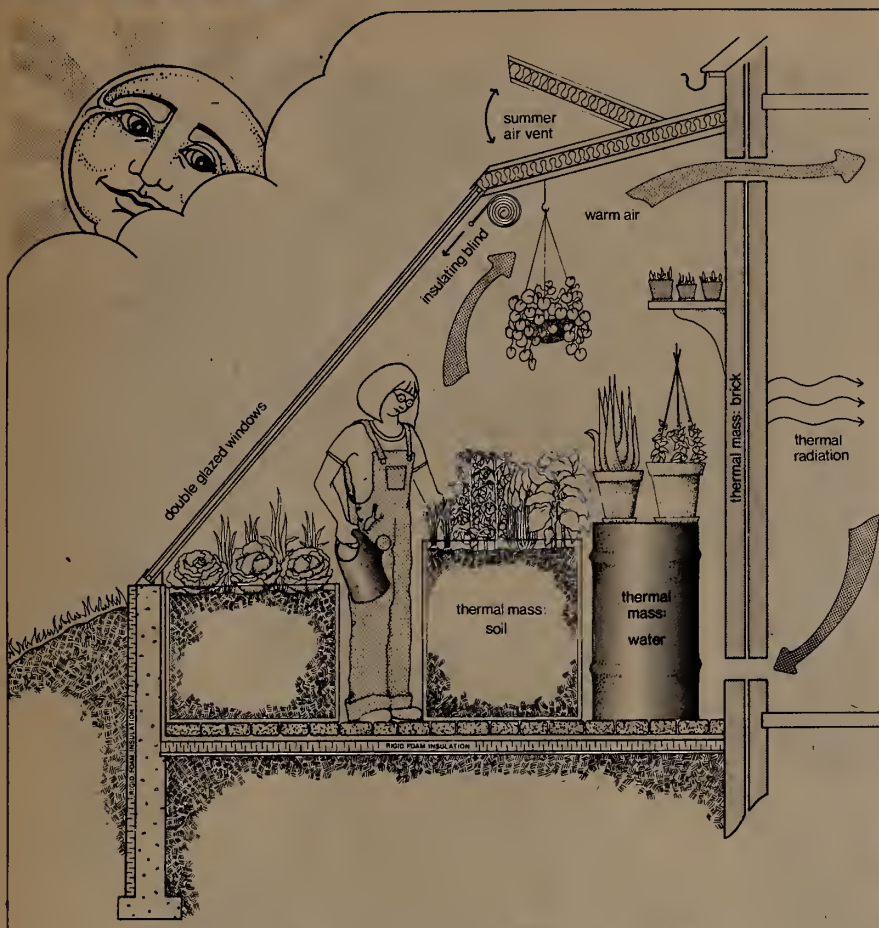
Gallery Club

On a dismal February day take a break and introduce a friend to the quiet, comfortable surroundings of the GALLERY CLUB on the second floor of HART HOUSE

Linger over a drink in front of the fireplace then treat yourself to our fabulous luncheon Buffet or choose from our newly expanded dinner menu. We welcome you Monday through Friday:

DINING ROOM	12 noon - 2 p.m. and 5:30 - 7:30 p.m.
LOUNGE	12 noon - 2 p.m. and 4:30 - 8:00 p.m.

Events



The solar greenhouse is examined in a seminar Feb. 20.

Concerts

Wednesday, February 10
Leslie Kinton, Piano.
 Program of works by Schumann, Faure and Messiaen; seventh in Noon Hour series. Concert Hall, Royal Conservatory of Music. 12.15 to 1 p.m.

Carlton Vaughan.
 Second of five in pop series. East Common Room, Hart House. 12 noon to 2 p.m.

Ed Bickert.
 Third of six in series, Jazz Plus. Arbor Room, Hart House. 8 p.m.
 (HH Music Committee and SAC)

Thursday, February 11
Collegium Musicum.
 Recital, directed by Prof. Douglas Bodle, Faculty of Music; Thursday afternoon series. Walter Hall, Edward Johnson Building. 2.10 p.m.

Friday, February 12
Yosyp Hoshuliak, Bass.
 With Tetiana Tkachenko, piano. Program includes works by Mozart, Tchaikovsky, Verdi and Barvinsky. Concert Hall, Royal Conservatory of Music. 8.15 p.m.
 Information, 978-3771.

Saturday, February 13
Joseph Silverstein, Violin.
 Concertmaster and assistant conductor, Boston Symphony Orchestra, will give master class of orchestral works for violin. Concert Hall, Royal Conservatory of Music. 2 p.m.
 Auditor's fee \$15. Information, 978-3771.
 (OTP)

Sunday, February 14
Viennese Valentine.
 Last of five, Music of Vienna, with Elyakim Taussig, piano; and Mark Dubois, tenor; Mary Lou Fallis, soprano; Albert Pratz, violin; Gary Relyea, baritone; Catherine Robbin, mezzo-soprano; and Kathryn Root, piano. Works by Kreisler, Lehar, Stolz, Strauss and Brahms. Great Hall, Hart House. 3 p.m.
 Tickets: Limited number of free tickets available to HH members at hall porter's desk one week prior to concert. Information, 978-2452.
 (HH Music Committee and CBC)

Leonard Rose, Cello.
 Second of three, Special Concerts Series,

in cooperation with CBC Radio. Program of works by Beethoven, Schumann, Debussy, Bloch and Chopin. MacMillan Theatre, Edward Johnson Building. 8 p.m.
 Tickets \$8, students and senior citizens \$3. Information, 978-3744.

Tuesday, February 16
Ronald Smith, Piano.
 Program of works by Alkan, Beethoven and Liszt. Walter Hall, Edward Johnson Building. 8.15 p.m.
 Tickets \$6, students and senior citizens \$3. Information, 978-3744 or 978-3771.
 (Faculty of Music and Royal Conservatory of Music)

Wednesday, February 17
Ronald Smith, Piano.
 Two days of master classes, Wednesday, Feb. 17 and Thursday, Feb. 18, 9 a.m. to 12 noon and 1 to 4 p.m. each day. Remenyi House of Music Studios, 210 Bloor St. W. Auditor's fee: all sessions \$35, single session \$10. Information, 978-3771.
 (Faculty of Music, Royal Conservatory of Music and Remenyi House of Music)

Thursday, February 18
Pierre Souvairan, Piano.
 All Schumann program; seventh in Twilight series. Concert Hall, Royal Conservatory of Music. 5.15 p.m.

Friday, February 19
Orchestral Training Program.
 Conductor Victor Yampolsky; 10th of 15 concerts by students in OTP. Works by Haydn, Hétu, J.S. Bach and Vivaldi. Concert Hall, Royal Conservatory of Music. 8.15 p.m.
 Tickets \$3.50, students and senior citizens \$2.
 Information, 978-3771.

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Miscellany

Tuesday, February 9
Hockey.
 Lady Blues vs McMaster. Varsity Arena. 5 p.m.

Thursday, February 11
Soup Kitchen Cabaret.
 Comedy team Sears & Switzer joins Pollution Probe for an evening of music, sketches and soup, designed to raise funds and consciousness. Theatre Upstairs, Toronto Free Theatre, 26 Berkeley St. 8 p.m.
 Tickets \$10, available at Ecology House, 12 Madison Ave. or Toronto Free Theatre. Information, 967-0577.

Friday, February 12
Hockey.
 Blues vs Waterloo. Varsity Arena. 7 p.m.
 Tickets: reserved seats \$4, unreserved \$3, students \$2. Information and tickets, 978-3437.

Basketball.
 Lady Blues vs Ottawa. Sports Gym. 7.30 p.m.
 Admission \$2, students \$1. Information, 978-3437.

Saturday, February 13
Basketball.
 Doubleheader.
 Lady Blues vs Carleton. 12.15 p.m.
 Blues vs Carleton. 2.15 p.m. Sports Gym.
 Admission \$2, students \$1. Information, 978-3437.

Wednesday, February 17
Hockey.
 Blues vs Western. Varsity Arena. 7 p.m.
 Tickets: reserved seats \$4, unreserved \$3, students \$2. Information and tickets, 978-3437.

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Thursday, February 18
Hockey.
 Lady Blues vs McMaster. Varsity Arena. 7.15 p.m.

Friday, February 19
Swimming and Diving.
 OUAA championships. Athletic Centre. Friday, Feb. 19 and Saturday, Feb. 20; semi-finals, 11 a.m.; finals, 7 p.m. each day.
 Admission \$2. Information, 978-3437.

Hockey.
 Blues vs Windsor. Varsity Arena. 7 p.m.
 Tickets: reserved seats \$4, unreserved \$3, students \$2. Information and tickets, 978-3437.

Monday, February 22
You Are What You Eat.
 Discussion about additives in food, how to minimize exposure to suspect chemicals and invisible additives, with Linda Pim, author of *Additive Alert* and *Invisible Additives*. Ecology House, 12 Madison Ave. 7.30 p.m.
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The Pending Budget Cuts — Will Part-time Students Be Victims?

by Michael Shumacher

In July of 1980 the Ministry of Colleges & Universities hired the Levy-Coughlin Partnership to study the barriers to part-time credit education which exist at Ontario universities and Ryerson Polytechnical Institute.

The report, completed in 1981, describes the standard litany of problems part-time students face. They include lack of evening courses, insufficient contact time with professors, the tenuous nature of long-term program planning, and a dearth of services during evening hours. The report also reaffirmed part-time students' commitment to their education.

There are no revelations here. Most of us are aware that serious inequities still exist when it comes to the treatment of part-time students at Ontario universities. Though U of T is no exception, it should be said that this university is the leader among Ontario universities in the way it accommodates its part-time students. Part-time students participate in a completely integrated undergraduate program at U of T. Moreover, the School of Graduate Studies has made almost every program in Divisions I and II available to part-time students.

Looking into the future, however, the Association of Part-time Undergraduate Students (APUS) is concerned about the impact budget cuts could have on part-time students. The Levy-Coughlin report states: "The fear is that, given the fiscal barriers, many institutions will redirect their resources to protect the 'core' of full-time education, especially

considering the fact that part-time students are more expensive to service."

The budget allocations over the next few years will test this university's commitment to its part-time students. If the worst possible scenario were to be realized, the gains made over the past few years by part-time students could vanish. The key question becomes: how does the University define "core" education? At this university, part-time students write the same essays, tests and exams as their full-time colleagues. Course requirements are equal in every way.

We view with alarm the possibility that "core education" would be a phrase applicable only to full-time study. It is our view that it is the education that is important, not how that education is pursued. The pronouncements of the administration of this university over the past few years reflect agreement with this view. Therefore, for the University to be consistent, part-time study must be encompassed in the definition of "core education".

There is evidence that the University could exclude part-time study from its definition of "core education". The preliminary indication from Scarborough College is that many courses that were to be taught in the coming summer session will be dropped. This is true for courses in anthropology, calculus, computer science, geography, political science and sociology.

If courses and services are excised across the board, everyone suffers equally. However, since most part-time



students need courses and services in the evening, if these are a particular excision target, part-time students are hurt disproportionately. It would make a mockery of the University's commitment to part-time students.

The position of the ministry was put forward in the preamble of the Levy-Coughlin report:

"The Ministry of Colleges & Universities has as a general goal the enhancement of accessibility to universities by qualified applicants and the provision of equal university services to individuals studying on a part-time basis. Ministry policy and funding incentives have encouraged universities to treat part-time students in the same manner as full-time students with regard to services."

The Fisher report, reviewing the future role of universities, echoed similar sentiments:

"As a larger proportion of the student body comes from the over-25 age group, there will be an increasing demand for more programs to be made available on a part-time basis. Since they are more costly to operate, the provision of more part-time programs will place a financial burden upon the universities. Nevertheless, the committee urges very strongly that more academic programs, including professional programs, be offered on a part-time basis."

We realize that government encouragement can sound somewhat hollow if concomitant funding increases do not ensue. It is, however, a case of enlightened self-interest for the University to maintain its provision of programs and services for part-time students. Full-time undergraduate enrolment is expected to decline over the next several years. It is quite possible for part-time enrolment to pick up much of the slack. The preliminary 1981-82 statistics show that full-time undergraduate enrolment

increased 2.12 percent over last year. Part-time undergraduate enrolment increased 6.95 percent over last year.

If the University excises evening course sections in a disproportionate manner, there will be fewer part-time students. Therefore, it not only makes moral sense for the University to maintain its commitment to part-time students, it makes economic sense as well.

The initial focus of the Levy-Coughlin study was:

"The desire of the ministry to determine on a system-wide basis which programs are available and where there are gaps, so that in areas where no clear academic or professional reason exists for restricting part-time study, accessibility might, by mutual agreement of institutions and students, be enhanced."

The University is preparing its response to this report. We hope that the above quote will govern that response accordingly. We also hope that with respect to the funding of universities, the ministry puts its money where its mouth is.

Michael Shumacher is liaison officer of APUS.

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Letters

'You can't burn ethics in the boiler'

In his letter to the *Bulletin* (Jan. 25), Larry Schmidt has made several allegations which demand a response. He asserts, *inter alia*, that "the University may abandon its commitment to discerning and communicating the truth". In the University's nuclear engineering program we have not hesitated to discern all the time and prophesy when necessary, sometimes at significant personal risk, and we shall continue to do so. President Ham is right in saying that hydrogen has merit, and this applies whatever the production method — electrical or chemical — and whatever the energy source. Clearly no one is going to hitch a long-term national energy program to oil or gasoline.

Professor Schmidt is right in mentioning ethics. The energy industry is well aware of these and tries to factor them in.

However, ethics have to be spread evenly, and you can't burn ethics in the boiler. In July 1979, the World Council of Churches accepted a resolution from one of their workshop groups calling for a nuclear moratorium, but they did not think too much about the technology and availability of alternatives, particularly that you can't burn benedictions in the boiler and that the energy problem of century 21 is work or power not heat; wheels not bathwater; and that solar is the least likely to solve that problem in time and at a price we can afford to pay (currently a solar power system costs about 15 times anything else).

Regarding hearings and commissions, we must be into double figures by now, so we don't need any more. Regarding nuclear wastes, Professor Schmidt should know that they can be divided into

two main groups. Fission products present no problems as they fall below natural toxic backgrounds in 400 to 500 years. (The other toxics are of course "forever".) The other major group comprises the heavy elements, most of which are present in the ground anyway, and in much larger quantities. Why go into a syndrome about a 250,000 year "heavy" when we are surrounded by a four and a half billion year "heavy" (U-238) which spawns (or is it spews?) 13 other pests, including radium and radon? We plan to burn these things out anyway, soon.

D.G. Andrews
Professor of Nuclear Engineering
Department of Chemical Engineering &
Applied Chemistry

Shocked that SGS would consider eliminating centres, institutes

I would appreciate it if the following letter sent to the dean of the School of Graduate Studies could be printed in the Bulletin.

I am astounded and shocked that the administration of the School of Graduate Studies is seriously contemplating phasing out or eliminating some of the graduate centres and institutes in response to the impending budget cuts from Simcoe Hall.

The centres and institutes, with their unique inter-disciplinary approach and world-wide stature, constitute a major focus of research at the University of Toronto. Their maintenance is integral to the preservation of the quality of graduate education at this university. Excising any of them would be a disastrous step toward dismantling our School of Graduate

Studies. That the SGS administration could be prepared to do so is deplorable.

Cutbacks by central administrations only exacerbate the problem of underfunding by giving the government justification for arguing that fat does, indeed, still exist within universities. Reductions in university operations in response to underfunding have been met with an accelerated drive on the part of the government to cut back even further each year.

It is patently clear that the provincial government has no concern whatsoever for the future of higher education. It has been starving the post-secondary system for the past 10 years, and it will continue in this direction for as long as it remains politically expedient to do so.

The time for action is long overdue!

The School of Graduate Studies should capitalize on the overwhelming public support for post-secondary education and take a forceful stand against the government's irrational, irresponsible and ruinous policies. The limited measures which have been taken to date have obviously had no impact on Queen's Park.

The graduate school's only alternative is to refuse to administer the budget cuts from the central administration. Such a move would not only dramatize the financial crisis facing U of T, and thus enhance public awareness and pressure on the government, it would also force Bette Stephenson into a position in which she could no longer publicly deny that cutbacks are not hurting the universities, without looking like a liar.

Refusal to take decisive action immediately can only hasten the decline of this university and graduate school.

Cathy Laurier
SGS Council representative

Don't throw out that 'junk' — it might be our history

On page one of the *Bulletin* of Jan. 11, there appeared a photograph with the caption: "A museum would be a more appropriate setting for these polarimeters . . ." I entirely agree, and not only for the reasons expressed by Judith Knelman in her article about science teaching. The University of Toronto has been and remains one of the major and seminal

centres for scientific research in Canada, and the history of science teaching at this university is an important ingredient in the history of Canadian science. I hope that one day there will be a museum of the history of science at U of T, where instruments such as the polarimeters, now used for teaching undergraduates in chemical engineering, would take on new life. With appropriate documentation, they would illustrate and remind us of the rich heritage of teaching and research at this university over the last century.

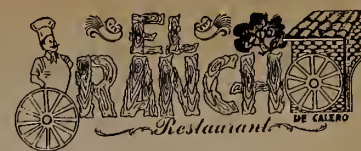
Under existing budgetary constraints, hopes for such a museum will not be soon realized. Meanwhile, historic apparatus, now obsolete, accumulates or is discarded in several departments. I hope departments will recognize their role as custodians of this heritage, and I should be delighted to hear from colleagues who share my concern. Old apparatus can either be junk, or an exciting documentation of this university's history. We need to ensure that the latter option becomes actuality.

Trevere H. Levere
Director
Institute for the History & Philosophy of
Science & Technology

Expand IUTS?

Now that the postal rates have increased, it may be worthwhile financially to expand our Inter-University Transit System (IUTS) to include the provincial government, the federal government, Canadian universities outside of Ontario (particularly in Quebec) and boards of education in Ontario university cities. In each case, the cost should be minimal since it is just a matter of connecting into other internal systems which are close to some Ontario university.

Ed Barbeau
University College



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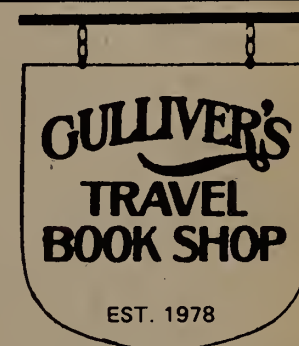
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